

Utah Metro Occupational Projections 2000 - 2010

by Occupational Group

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Production Occupations	70,160	79,900	980	1,630	2,600			
Supervisors, Production Workers	4,480	4,800	30	120	150	\$13.00	\$19.40	Related Experience
Assemblers and Fabricators	16,840	18,990	220	310	520			
<i>Electrical, Electronics, and Electromechanical Assemblers</i>	<i>1,440</i>	<i>1,430</i>	<i>0</i>	<i>40</i>	<i>40</i>			
Coil Winders, Tapers, and Finishers	230	240	0	10	10			Short-Term OJT
Electrical and Electronic Equipment Assemblers	820	780	0	20	20	\$8.00	\$10.70	Short-Term OJT
Electromechanical Equipment Assemblers	380	410	0	10	10	\$10.40	\$13.20	Short-Term OJT
Engine and Other Machine Assemblers	60	70	0	0	0	\$12.40	\$15.40	Short-Term OJT
Structural Metal Fabricators and Fitters	1,090	1,260	20	20	30	\$10.00	\$13.50	Moderate OJT
Miscellaneous Assemblers and Fabricators	14,250	16,220	200	250	450			
Fiberglass Laminators and Fabricators	150	180	0	0	10			Moderate OJT
Team Assemblers	12,180	13,650	150	210	360	\$7.90	\$10.40	Moderate OJT
Assemblers and Fabricators, All Other	1,910	2,390	50	30	80	\$7.00	\$9.10	Moderate OJT
Food Processing Workers	3,910	4,650	70	80	150			
Bakers	1,700	2,180	50	30	80	\$7.10	\$10.30	Long-Term OJT
Butchers and Other Meat, Poultry, and Fish Processing Workers	1,050	1,140	10	30	40			
Butchers and Meat Cutters	770	810	0	20	20	\$9.50	\$13.70	Long-Term OJT
Meat, Poultry, and Fish Cutters and Trimmers	170	200	0	0	10	\$8.00	\$10.60	Short-Term OJT
Slaughterers and Meat Packers	110	130	0	0	10	\$10.20	\$12.20	Moderate OJT
Miscellaneous Food Processing Workers	1,160	1,330	20	30	40			
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	60	70	0	0	0	\$7.00	\$9.10	Short-Term OJT
Food Batchmakers	460	540	10	10	20	\$6.80	\$9.30	Short-Term OJT
Food Cooking Machine Operators and Tenders	530	610	10	10	20	\$8.70	\$11.20	Short-Term OJT
Food Processing Workers, All Other	100	100	0	0	0	\$6.30	\$9.40	Short-Term OJT

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Metal Workers and Plastic Workers	14,390	15,580	120	370	490			
Computer Control Programmers and Operators	850	1,030	20	30	50			
Computer-Controlled Machine Tool Operators, Metal and Plastic	730	880	20	30	40	\$10.80	\$14.00	Long-Term OJT
Numerical Tool and Process Control Programmers	120	140	0	0	10	\$13.80	\$16.70	Long-Term OJT
Forming Machine Setters, Operators, and Tenders, Metal and Plastic	1,480	1,500	0	40	40			
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	770	800	0	20	20	\$9.70	\$12.30	Moderate OJT
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	340	340	0	10	10	\$9.70	\$12.70	Moderate OJT
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	380	360	0	10	10	\$8.30	\$13.60	Moderate OJT
Machine Tool Cutting Setters, Operators, and Tenders, Metal and Plastic	2,760	2,720	0	80	80			
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	790	780	0	20	20	\$8.90	\$11.40	Moderate OJT
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	220	210	0	10	10			Moderate OJT
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	790	840	10	20	20	\$7.60	\$10.50	Moderate OJT
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	350	330	0	10	10	\$9.20	\$13.70	Moderate OJT
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	620	580	0	20	20	\$9.40	\$11.50	Moderate OJT
Machinists	2,200	2,360	20	50	60	\$11.20	\$15.90	Long-Term OJT
Metal Furnace and Kiln Operators and Tenders	300	310	0	10	10			
Metal-Refining Furnace Operators and Tenders	170	170	0	10	10	\$10.90	\$15.20	Moderate OJT
Pourers and Casters, Metal	130	140	0	0	10	\$10.90	\$14.50	Moderate OJT

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Model Makers and Patternmakers, Metal and Plastic	310	290	0	10	10			
Model Makers, Metal and Plastic	240	230	0	10	10			Moderate OJT
Patternmakers, Metal and Plastic	70	60	0	0	0	\$7.60	\$12.30	Moderate OJT
Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic	810	860	10	20	20			
Foundry Mold and Coremakers	220	200	0	10	10	\$8.60	\$11.60	Moderate OJT
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	590	670	10	10	20	\$8.80	\$11.10	Moderate OJT
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	540	610	10	10	20	\$9.50	\$13.60	Moderate OJT
Tool and Die Makers	230	240	0	10	10	\$12.60	\$17.80	Long-Term OJT
Welding, Soldering, and Brazing Workers	3,500	4,270	80	100	180			
Welders, Cutters, Solderers, and Brazers	3,060	3,780	70	90	160	\$10.20	\$13.70	Vocational
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	440	490	10	10	20	\$9.10	\$12.20	Moderate OJT
Miscellaneous Metalworkers and Plastic Workers	1,410	1,370	0	30	30			
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	120	140	0	0	0	\$9.10	\$12.80	Moderate OJT
Lay-Out Workers, Metal and Plastic	120	110	0	0	0	\$10.00	\$12.70	Moderate OJT
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	520	510	0	10	10	\$10.00	\$13.80	Moderate OJT
Tool Grinders, Filers, and Sharpeners	490	430	0	10	10			Moderate OJT
Metal Workers and Plastic Workers, All Other	160	170	0	0	10	\$8.80	\$14.10	Moderate OJT
Printing Workers	3,590	4,310	70	90	160			
Bookbinders and Bindery Workers	1,090	1,360	30	30	60			
Bindery Workers	1,010	1,260	30	30	50	\$6.80	\$9.70	Moderate OJT
Bookbinders	70	90	0	0	0	\$11.10	\$13.20	Moderate OJT
Printers	2,390	2,840	40	60	110			
Job Printers	490	640	20	10	30	\$9.20	\$14.50	Long-Term OJT
Prepress Technicians and Workers	680	680	0	20	20	\$8.40	\$13.30	Long-Term OJT
Printing Machine Operators	1,220	1,520	30	30	60	\$9.40	\$13.70	Moderate OJT
Printing Workers, All Other	110	120	0	0	0			Moderate OJT

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Textile, Apparel, and Furnishings Workers	3,050	3,730	70	60	130			
<i>Laundry and Dry-Cleaning Workers</i>	<i>900</i>	<i>1,150</i>	<i>30</i>	<i>20</i>	<i>50</i>	<i>\$6.80</i>	<i>\$8.10</i>	<i>Moderate OJT</i>
<i>Pressers, Textile, Garment, and Related Materials</i>	<i>440</i>	<i>570</i>	<i>10</i>	<i>10</i>	<i>20</i>	<i>\$6.00</i>	<i>\$7.00</i>	<i>Short-Term OJT</i>
<i>Sewing Machine Operators</i>	<i>880</i>	<i>1,050</i>	<i>20</i>	<i>10</i>	<i>30</i>	<i>\$7.00</i>	<i>\$9.40</i>	<i>Moderate OJT</i>
<i>Tailors, Dressmakers, and Sewers</i>	<i>230</i>	<i>260</i>	<i>0</i>	<i>10</i>	<i>10</i>			
Tailors, Dressmakers, and Custom Sewers	210	230	0	10	10	\$8.80	\$12.10	Related Experience
Textile Machine Setters, Operators, and Tenders	240	330	10	10	10			
Textile Bleaching and Dyeing Machine Operators and Tenders	130	190	10	0	10			Moderate OJT
Textile Cutting Machine Setters, Operators, and Tenders	100	130	0	0	10			Moderate OJT
Miscellaneous Textile, Apparel, and Furnishings Workers	330	340	0	10	10			
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	130	140	0	0	0	\$8.10	\$11.10	Moderate OJT
Upholsterers	150	130	0	10	10	\$9.20	\$13.90	Long-Term OJT
Textile, Apparel, and Furnishings Workers, All Other	50	70	0	0	0			Moderate OJT
Woodworkers	3,180	3,620	50	120	160			
Cabinetmakers and Bench Carpenters	1,880	2,140	30	60	90	\$8.10	\$11.40	Long-Term OJT
Furniture Finishers	300	340	0	10	20			
Model Makers and Patternmakers, Wood	160	190	0	10	10			
Model Makers, Wood	80	100	0	0	10	\$8.60	\$10.90	Long-Term OJT
Patternmakers, Wood	80	100	0	0	10	\$9.40	\$13.30	Long-Term OJT
Woodworking Machine Setters, Operators, and Tenders	710	780	10	30	40			
Sawing Machine Setters, Operators, and Tenders, Wood	290	330	0	10	20	\$7.30	\$9.60	Moderate OJT
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	420	460	0	20	20	\$7.10	\$10.90	Moderate OJT
Miscellaneous Woodworkers	130	170	0	10	10	\$7.20	\$10.30	Moderate OJT

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Plant and System Operators	1,500	1,770	30	50	70			
<i>Power Plant Operators, Distributors, and Dispatchers</i>	<i>210</i>	<i>220</i>	<i>0</i>	<i>10</i>	<i>10</i>			
Power Plant Operators	180	190	0	10	10	\$15.90	\$21.30	Long-Term OJT
<i>Stationary Engineers and Boiler Operators</i>	<i>150</i>	<i>150</i>	<i>0</i>	<i>0</i>	<i>10</i>	<i>\$13.10</i>	<i>\$18.40</i>	<i>Long-Term OJT</i>
<i>Water and Liquid Waste Treatment Plant and System Operators</i>	<i>570</i>	<i>770</i>	<i>20</i>	<i>20</i>	<i>40</i>	<i>\$13.70</i>	<i>\$16.90</i>	<i>Long-Term OJT</i>
<i>Miscellaneous Plant and System Operators</i>	<i>590</i>	<i>630</i>	<i>0</i>	<i>20</i>	<i>20</i>			
Chemical Plant and System Operators	150	160	0	0	10			Long-Term OJT
Gas Plant Operators	60	60	0	0	0	\$12.60	\$20.10	Long-Term OJT
Petroleum Pump System Operators, Refinery Operators, and Gaugers	280	300	0	10	10	\$17.60	\$22.20	Long-Term OJT
Plant and System Operators, All Other	100	110	0	0	0			Long-Term OJT
Other Production Occupations	19,220	22,460	320	440	760			
<i>Chemical Processing Machine Setters, Operators, and Tenders</i>	<i>340</i>	<i>380</i>	<i>0</i>	<i>10</i>	<i>10</i>			
Chemical Equipment Operators and Tenders	150	190	0	0	10	\$8.10	\$11.60	Moderate OJT
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	180	190	0	0	0			Moderate OJT
<i>Crushing, Grinding, Polishing, Mixing, and Blending Workers</i>	<i>1,710</i>	<i>1,940</i>	<i>20</i>	<i>40</i>	<i>60</i>			
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	660	690	0	10	20	\$11.40	\$16.30	Moderate OJT
Grinding and Polishing Workers, Hand	480	560	10	10	20	\$8.20	\$10.40	Moderate OJT
Mixing and Blending Machine Setters, Operators, and Tenders	570	690	10	10	20	\$8.70	\$11.80	Moderate OJT
<i>Cutting Workers</i>	<i>800</i>	<i>880</i>	<i>10</i>	<i>10</i>	<i>20</i>			
Cutters and Trimmers, Hand	120	130	0	0	0	\$7.80	\$10.10	Short-Term OJT
Cutting and Slicing Machine Setters, Operators, and Tenders	690	740	10	10	20	\$8.10	\$11.50	Moderate OJT
<i>Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders</i>	<i>540</i>	<i>630</i>	<i>10</i>	<i>10</i>	<i>20</i>	<i>\$8.50</i>	<i>\$11.30</i>	<i>Moderate OJT</i>
<i>Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders</i>	<i>60</i>	<i>60</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>\$10.40</i>	<i>\$13.70</i>	<i>Moderate OJT</i>
<i>Inspectors, Testers, Sorters, Samplers, and Weighers</i>	<i>2,440</i>	<i>2,450</i>	<i>0</i>	<i>50</i>	<i>60</i>	<i>\$8.60</i>	<i>\$14.00</i>	<i>Moderate OJT</i>
<i>Jewelers and Precious Stone and Metal Workers</i>	<i>560</i>	<i>730</i>	<i>20</i>	<i>20</i>	<i>30</i>			

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Medical, Dental, and Ophthalmic Laboratory Technicians	1,700	2,170	50	50	90			
Dental Laboratory Technicians	360	500	10	10	20	\$7.60	\$10.80	Long-Term OJT
Medical Appliance Technicians	1,180	1,510	30	30	70	\$8.80	\$11.70	Long-Term OJT
Ophthalmic Laboratory Technicians	160	170	0	0	10			Moderate OJT
Packaging and Filling Machine Operators and Tenders	2,880	3,580	70	60	130	\$7.90	\$10.40	Short-Term OJT
Painting Workers	1,080	1,270	20	30	40			
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	740	850	10	20	30	\$8.90	\$11.60	Moderate OJT
Painters, Transportation Equipment	210	260	10	10	10	\$11.20	\$16.60	Moderate OJT
Painting, Coating, and Decorating Workers	130	160	0	0	10	\$7.50	\$10.00	Short-Term OJT
Photographic Process Workers and Processing Machine Operators	470	490	0	10	10			
Photographic Process Workers	260	240	0	10	10	\$7.90	\$10.30	Moderate OJT
Photographic Processing Machine Operators	220	250	0	10	10	\$7.60	\$9.30	Short-Term OJT
Semiconductor Processors	800	1,040	20	10	40			Associate degree
Miscellaneous Production Workers	5,840	6,820	100	140	230			
Cementing and Gluing Machine Operators and Tenders	100	120	0	0	0	\$8.30	\$10.40	Moderate OJT
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	180	170	0	0	0			Moderate OJT
Etchers and Engravers	50	60	0	0	0	\$9.80	\$11.30	Long-Term OJT
Molders, Shapers, and Casters, Except Metal and Plastic	310	360	0	10	10	\$8.10	\$11.20	Moderate OJT
Paper Goods Machine Setters, Operators, and Tenders	760	840	10	20	20	\$9.70	\$12.70	Moderate OJT
Helpers--Production Workers	3,340	3,980	60	80	150	\$6.70	\$8.80	Short-Term OJT
Production Workers, All Other	1,070	1,270	20	20	40	\$7.00	\$10.70	Moderate OJT

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